Index of Claims

| App | licatio | on/Coi | ntrol | No. |
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10/824,468

Examiner

AYDIN ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

Melanie D. Bissett

1711

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

|   | Ζ | Non-Elected  |
|---|---|--------------|
| i | • | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla  | aim      |                |                |           |          | Date   | •<br>•    |           |          |   | Cla  | aim      |          |                 |           | C        | ate      |                   |             |   |       |     | Cl    | aim        |          |           |   |  | Date     |          | _        |           |  |
|--|----------|----------------|----------------|-----------|----------|--------|-----------|-----------|----------|---|--|----------|----------|-----------------|-----------|----------|----------|-------------------|-------------|---|-------|-----|-------|------------|----------|-----------|---|--|----------|----------|----------|-----------|--|
|  | ल        | 1              |                |           |          |        |           |           |          |   |  | च        |          |                 |           |          |          |                   |             |   |       |     | _     | च          |          |           |   |  |          |          |          |           |  |
| Final  | Original | 8              |                |           |          |        |           |           |          |   | Finat  | Original |          |                 |           |          |          |                   | Ì           |   |       |     | Final | Original   |          |           |   |  |          |          |          |           |  |
| 证  | ő        | œ              |                |           |          |        |           |           |          |   | 证  | Ö        |          |                 | - 1       |          |          |                   |             |   |       |     | 匞     | Ö          |          |           |   |  |          |          |          | - 1       |  |
| <u> </u>   |          | L.,            | _              | $\Box$    | _        | _      |           | $\Box$    |          | _ | _  |          |          | Н               |           | $\dashv$ | 4        | 4                 | 4           | ╀   | 4     | -   |       |            | <u> </u> | $\square$ |   | H  | _        | -i       | $\dashv$ | $\dashv$  | نــــ  |
| <u> </u>   | <u> </u> | <u>✓</u>       | _              | -         | _        |        | _         |           | _        |   |  | 51       |          | -               | $\dashv$  | $\dashv$ | 4        | _                 | +           | +   | -     | -   |       | 101        | <u> </u> | H         |   | H  |          |          | $\dashv$ | $\dashv$  | _  |
| <u> </u>   | 2        | 1              | _              |           |          |        | Н         |           | -        |   |  | 52       | H        | $\dashv$        | -         | $\dashv$ | +        | +                 | - -         | ┿   | -     | -   |       | 102        | _        | $\vdash$  | _ | ⊢  |          |          | $\dashv$ |           | _  |
| <u> </u>   | 3        | Н              | _              | $\vdash$  | -        | -      | -         |           | -        |   |  | 53<br>54 | $\vdash$ | -               | +         | $\dashv$ | $\dashv$ | +                 | +           | - -   | -     | -   |       | 103<br>104 | $\vdash$ | Н         | _ | $\vdash$   | $\vdash$ | -        | $\dashv$ | $\dashv$  |  |
| -  | 5        | ₽              | $\vdash$       | $\vdash$  | -        |        | -         |           |          | _ |  | 55       | $\vdash$ | -               | $\dashv$  |          | $\dashv$ | +                 | +           | ╬   | -     | ŀ   |       | 105        | -        | Н         |   | ┢  |          |          | $\dashv$ |           | $\overline{}$                                    |
| <u> </u>   | 6        | Н              | -              | $\vdash$  | $\dashv$ | _      | Н         | $\vdash$  | -        | _ |  | 56       | Н        | $\dashv$        | -         | $\dashv$ | $\dashv$ | +                 | +           | ╁   | -     | -   |       | 106        | $\vdash$ | Н         |   | ┢  |          | $\dashv$ | $\dashv$ | $\dashv$  |  |
| <b></b> -  | 7        | Н              | $\vdash$       | $\vdash$  |          |        |           | $\vdash$  |          | _ | <del>                                     </del> | 57       | $\vdash$ | $\vdash$        | ᅱ         | _        | 十        | +                 | $^{+}$      | ╁   | -1    | -   |       | 107        | -        |           |   | H  |          |          |          | $\dashv$  |  |
|  | 8        | Н              | $\vdash$       | Н         | $\neg$   |        |           |           |          |   |  | 58       | $\vdash$ | H               | 寸         | _        | 十        | $\dashv$          | 十           | +-  | ۱     | ŀ   |       | 108        |          | Н         | _ | T  |          |          |          | $\neg$    | _  |
| <b></b>  | 9        | Н              | $\vdash$       |           |          |        | Н         | Н         |          | _ |  | 59       |          | $\dashv$        | 寸         | $\neg$   | $\dashv$ | $\dashv$          | $\top$      | +   | 1     | ŀ   |       | 109        | <b></b>  |           |   | T  |          |          |          | ┪         |  |
| <del>                                     </del> | 10       | H              | $\vdash$       | П         |          |        | Н         |           | $\neg$   |   |  | 60       |          | Ħ               |           |          | $\dashv$ | $\neg$            | $\top$      | $\top$  | ٦.    | ŀ   |       | 110        |          | П         |   | <del>                                     </del> |          |          |          | $\neg$    |  |
|  | 11       | $  \uparrow  $ | $\vdash$       | М         | $\dashv$ |        |           | П         | $\dashv$ |   |  | 61       | $\Box$   | $\Box$          | $\dashv$  | $\dashv$ | 一        | _                 | _           | 1   | 7     | ı   |       | 111        |          | П         |   | Π  | H        |          |          | $\dashv$  |  |
|  | 12       | $\sqcap$       | Г              |           | $\neg$   |        |           |           |          |   |  | 62       |          |                 |           |          |          |                   | 1           | 1   | 7     | ľ   |       | 112        |          |           |   |  |          |          |          | $\exists$ | $\Box$   |
|  | 13       | <b>₩</b>       |                | П         |          |        |           |           |          |   |  | 63       |          |                 |           |          |          |                   |             |   |       |     |       | 113        |          |           |   |  |          |          |          |           |  |
|  | 14       | V              |                |           |          |        |           |           |          |   |  | 64       |          |                 |           |          |          |                   |             | Ι   |       |     |       | 114        |          |           |   |  |          |          |          |           |  |
|  | 15       | Ĭ              |                |           |          |        |           |           |          |   |  | 65       |          |                 |           |          |          |                   |             |   |       |     |       | 115        |          |           |   |  |          |          |          |           |  |
|  | 16       |                |                |           |          |        |           |           |          |   |  | 66       | $\Box$   | Ш               | $\Box$    | $\Box$   | $\bot$   |                   |             | 1   | _     |     |       | 116        |          | Ш         |   |  |          |          | Ш        |           | $\Box$   |
|  | 17       |                |                |           |          |        |           |           |          |   |  | 67       |          | Ш               |           | _        | $\perp$  |                   |             | $\perp$   | _     |     |       | 117        | <u>L</u> |           |   | <u> </u>   |          |          | _        | $\Box$    |  |
| <u></u>  | 18       |                |                | Ш         | Ш        |        | Ш         |           | Ш        |   | L  | 68       |          | Ш               | $\Box$    |          | $\perp$  | $\perp$           |             | 1   | _     | L   |       | 118        | _        | Ш         | _ | <u> </u>   | L.,      |          |          | $\Box$    | $\vdash$   |
| <u></u>  | 19       | _              |                |           |          |        |           | Ш         |          |   |  | 69       |          |                 |           | $\perp$  | _        |                   |             | ᆚ   | _ !!! |     |       | 119        |          |           |   |  |          |          |          |           |  |
|  | 20       | L              | _              | Ш         | $\Box$   |        | Ш         |           |          |   |  | 70       |          | Ш               |           | $\perp$  | _        | $\perp$           | _           |   | 4     | L   |       | 120        | ــــ     | Ш         |   | lacksquare                                       | $\vdash$ |          | $\sqcup$ |           | $\vdash$   |
|  | 21       | _              | L              |           |          |        |           |           |          |   |  | 71       | Ш        |                 | _         |          | 4        | _                 | 4           | 4   | _     | L   |       | 121        | <u>L</u> |           |   | <u> </u>   | _        |          | $\Box$   | _         | $\vdash$   |
|  | 22       | <u> </u>       | <u> </u>       |           | $\Box$   |        | L         |           |          |   |  | 72       |          | Ш               |           | _        | $\dashv$ | 4                 | 4           | +   | 4     | -   |       | 122        | _        | Ш         |   |  |          |          |          | $\dashv$  | $\vdash$   |
| <u> </u>   | 23       | <u> </u>       | <u> </u>       | _         | _        |        | _         | $\vdash$  | -        |   | <u> </u>   | 73       | _        | $\square$       | $\dashv$  | -        | -        |                   | - -         | -   | - ::  | -   |       | 123        | <u> </u> | Н         |   | ┞  | _        |          | Н        | $\dashv$  | $\vdash$   |
| ├  | 24       | _              | <u> </u>       | 4         | _        | _      | Н         | Н         | _        |   |  | 74       | -        | -               | _         | -        | $\dashv$ | +                 | -           | 4-  | - ::  | Ŀ   |       | 124        | ┢        | Н         |   | ├-   |          | _        | $\vdash$ | -         | <del>                                     </del> |
| <b>├</b>   | 25       | ├—             | <u> </u>       | Н         |          |        | Н         | Н         | _        |   | <del></del>                                      | 75       | -        |                 |           | $\dashv$ | $\dashv$ | -                 | +           | +   | - ::  | -   |       | 125        | ├        | Н         |   | $\vdash$   |          | _        | $\dashv$ | _         |  |
| $\vdash$   | 26<br>27 | $\vdash$       | ⊢              |           | $\dashv$ |        | Н         | $\vdash$  | -        |   | <u> </u>   | 76<br>77 | -        | -               | -+        | -        | +        | +                 | +           | +   | -[    | -   |       | 126<br>127 | ┢        | Н         | _ | ├-   |          | _        | -        |           | <del> </del>                                     |
| -  | 28       | ⊢              | -              |           |          |        | Н         | Н         | $\dashv$ | _ |  | 78       | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$ | -+       | +                 | +           | +   | ⊣∷    | ŀ   |       | 128        |          | Н         |   | $\vdash$   | _        | _        | $\vdash$ | $\dashv$  | $\vdash$   |
| <u> </u>   | 29       | ┝              | -              | -         | -        |        | Н         | $\vdash$  | -        | _ | <del> </del>                                     | 79       | $\vdash$ | $\vdash$        |           | -        | $\dashv$ | +                 | +           | ╁   | -     | -   |       | 129        | -        | -         |   | ╁╌   |          | -        | $\dashv$ | $\dashv$  | $\vdash$   |
| -  | 30       | ┝              | <del>  -</del> | -         | $\dashv$ |        | Н         | Н         | -        |   | _  | 80       | -        | H               |           | ᅱ        | ┪        | ╅                 | ╅           | +-  | -     | -   | -     | 130        |          | Н         |   | ╁╾   |          | _        |          | -         | Н  |
| $\vdash$   | 31       | $\vdash$       | ┢              | Н         | $\dashv$ |        |           | Н         |          | _ | <del> </del>                                     | 81       | -        | Н               |           | -        | +        | ╅                 | +           | +   | -     | -   |       | 131        | t        | -         | _ | $\vdash$   | _        |          |          |           | _  |
| $\vdash$   | 32       | -              | $\vdash$       | $\vdash$  | $\dashv$ |        | H         | H         | $\dashv$ |   |  | 82       | 1        | $\vdash \vdash$ | -         | $\dashv$ | $\dashv$ | $\top$            | +           | +   | 1     | ŀ   | -     | 132        | Н        | H         | - | $\vdash$   |          |          | $\dashv$ | $\dashv$  | _  |
| <b></b>  | 33       | -              | $\vdash$       | Н         |          |        |           |           | $\neg$   |   |  | 83       |          | Н               | _         | $\dashv$ | $\dashv$ | 十                 | $\top$      | 十   |       | -   |       | 133        |          | Н         |   | 1  |          |          | $\dashv$ | $\dashv$  |  |
|  | 34       |                | Т              | Н         |          |        | М         | П         | $\dashv$ |   |  | 84       | П        | П               | 7         | $\neg$   | $\dashv$ | $\top$            | 十           | 十   | 7     | ı   |       | 134        | Г        |           |   | T-   | _        |          | $\Box$   | $\dashv$  | $\sqcap$   |
|  | 35       |                | Г              |           |          |        | П         | $\Box$    |          |   |  | 85       |          | П               | $\neg$    |          | $\dashv$ | 十                 | $\top$      | 1   | ١::   | ı   |       | 135        | Г        | П         |   |  |          |          | $\Box$   | $\neg$    | $\Box$   |
|  | 36       |                | Г              | П         | $\neg$   |        |           | $\Box$    | $\sqcap$ |   |  | 86       | П        | П               | $\exists$ | $\neg$   | $\dashv$ | $\top$            | $\top$      | $\top$  | 7!!!  | ľ   |       | 136        |          | П         |   |  |          |          | $\neg$   | $\neg$    | $\sqcap$   |
|  | 37       |                |                |           |          |        |           |           |          |   |  | 87       |          |                 |           | _        |          |                   |             |   |       | ı   |       | 137        |          |           |   |  |          |          |          | $\neg$    |  |
|  | 38       |                |                |           |          |        |           |           |          |   |  | 88       |          |                 |           |          |          |                   |             |   |       |     |       | 138        |          |           |   |  |          |          |          |           | Ē  |
|  | 39       |                |                |           |          |        |           |           |          |   |  | 89       |          |                 |           |          |          | $\Box$            |             | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |       |     |       | 139        |          |           |   |  |          |          |          |           |  |
|  | 40       |                |                |           |          |        |           |           |          |   |  | 90       |          |                 | 괴         |          | $\Box$   | $\Box$            |             | $\perp$   | ]     |     |       | 140        |          |           |   |  |          |          |          |           |  |
|  | 41       |                |                |           |          |        |           |           |          |   |  | 91       |          |                 |           |          | $\Box$   | $\Box \mathbb{I}$ |             | $\perp$   | _     |     |       | 141        |          |           |   |  |          |          |          |           |  |
|  | 42       |                |                |           |          |        |           |           |          |   |  | 92       |          | Ш               | _[        |          | [        | _[                |             | L   | _     | L   |       | 142        |          | Ш         |   | <u>L</u>   |          |          |          |           |  |
| <u> </u>   | 43       |                |                | $\Box$    |          |        | Ш         | Ш         | _        |   |  | 93       | Ш        | Ш               | _         | _        |          | $\perp$           | $\perp$     | $\perp$   | _     | L   |       | 143        | <u></u>  | Ш         |   |  | Ш        |          | $\Box$   | $\perp$   |  |
|  | 44       | _              | L              |           | _        |        |           |           |          |   |  | 94       | Ш        | Ш               | _         | ļ        | _        | $\perp$           | $\perp$     | $\bot$  | 4     | L   |       | 144        | <u> </u> | Ш         | _ | <u>L</u>   |          | Щ        | $\sqcup$ | _         | <b>.</b>   |
| <u> </u>   | 45       |                | <u> </u>       |           |          |        |           | <u> </u>  |          |   |  | 95       | Ш        | Ш               | _         |          |          | $\perp$           | $\perp$     |   | 4     | L   |       | 145        |          | Ш         |   | <u>L</u>   |          |          | $\sqcup$ |           | <b>_</b>   |
|  | 46       | _              |                |           |          | $\Box$ |           | Ш         |          | _ |  | 96       | Ш        | Щ               | _         |          | $\dashv$ | _                 | 4           | 4   | 4     | L   |       | 146        | <u> </u> | Ш         | _ | <u> </u>   |          | Щ.       | $\sqcup$ |           | <b></b> -  |
|  | 47       |                | Щ              | $\square$ | 4        |        | Щ         | Ш         | _        |   |  | 97       | Ш        | Ш               | 4         | _        | $\dashv$ | _                 | 4           | $\bot$  | 4     | L   |       | 147        | _        | Ш         | _ | oxdot  | Щ        | Ш        | $\sqcup$ |           | <u> </u>   |
|  | 48       | <u> </u>       | <u> </u>       |           | _        |        | $\square$ | $\sqcup$  | _        |   |  | 98       | Ш        | Ц               | $\dashv$  | 4        | _        | 1                 | $\perp$     | +   | 4     | Ļ   |       | 148        | $\vdash$ | $\sqcup$  |   | $\vdash$   | Щ        |          | $\sqcup$ |           | <del> </del>                                     |
|  | 49       | _              |                |           |          | _      | $\Box$    | $\square$ | _        |   |  | 99       | Ш        | Н               | _         | _        | _        | 4                 | _           | +   | 4     | ŀ   |       | 149        |          | Ш         |   | L  | Щ        |          | $\sqcup$ |           | _  |
| L  | 50       | L              |                |           |          | لـــا  | Ш         | Ш         |          |   | <br>لـــــا                                      | 100      | Ш        | ا_ا             |           |          |          |                   | $\bot \bot$ |   | ∷ا    | ::L |       | 150        |          | Ш         |   | 乚  | Ш        |          | Ш        |           |  |